

=> display history full 11-

Chemical Abstracts
search

(FILE 'HOME' ENTERED AT 14:43:35 ON 13 MAR 2002)

FILE 'HCA' ENTERED AT 14:44:09 ON 13 MAR 2002

L1 12472 SEA CIGARETTE# OR CIGAR# OR (SMOKER# OR SMOKING#) (2A) (PRO
D# OR PRODUCT# OR ITEM# OR MATERIAL# OR ARTICLE#)
L2 1565 SEA (GINKGO# OR GINGKO# OR G) (2A) BILOBA#
L3 13554 SEA (BURN? OR COMBUST? OR IGNIT?) (2A) (MATERIAL? OR
SOURC? OR PART OR PARTS OR PORTION?)
L4 4 SEA L1 AND L2
L5 0 SEA L4 AND L3
D L4 1-4 IBIB ABS HITIND
L6 58584 SEA TOBACCO#
L7 22 SEA L2 AND L6
L8 516 SEA TOBACCO# (3A) (SUBST# OR SUBSTITUT? OR REPLAC? OR
SUROGAT? OR SURROGAT? OR SUPPLEMENT?)
L9 3 SEA L7 AND L8
L10 1 SEA L9 NOT L4
L11 17 SEA L7 NOT (L4 OR L10)

FILE HCA

=> d l4 1-4 ibib abs hitind

L4 ANSWER 1 OF 4 HCA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 136:115610 HCA
TITLE: Technology for producing nicotine-free health
cigaret
INVENTOR(S): Zhang, Chaoying
PATENT ASSIGNEE(S): Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 5
pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1298670	A	20010613	CN 1999-125304	19991203
AB				
The nicotine-free ***cigarette*** contains herb selected from rhizome of Typhonium giganteum 1-3, Hosta plantaginea (yuzan) 1-2, Xanthium sibiricum 1-3, tea leaf 1- 5, Qini (jini) 1-3, black bean 1-4, Pueraria 1-2, realgar 1-3, tenghuang 1-3, alum 1-3, alkali 1-2, Plystichum falcatum (guanzhong), Saposhnikovia divaricata 1-3, Cimicifuga 1-3, Orithyia edulis 1-4, Qingdai 1-2, fresh Glycyrrhiza 1-6, Strobilanthes root 1-3, Shandougen 1-5, weimao 1-5, danzhuye 1-3, dandelion 1-6, Lonicera japonica 1-4, Eucalyptus 1-3, qiyeizhihua 1-2, banbianlian 1-3, Cnidium 1-6, goat milk 1-3, mungbean 1-5, ***Ginkgo*** ***biloba*** 1-3, Jinxingcao 1-3, and Qixingcao 1-3%. It also contains Panax 1-3, Pilos antler 1-3, Polygonatum sibiricum 1-5, Angelica 1-6, Salvia miltiorrhiza 1-3, Leonurus 1-3, Glycyrrhiza 1-6, Lycium 1- 6, Polygonum multiforum 1-6, Rehmannia 1-6, Dendrobium 1-4, Rosa laevigata Michaux 1-6, Aceranthus sagittatus 1-3, Poria cocos 1-3, Astragalus 1-3,				

Codonopsis 1-3, Cordyceps 1-3, Cnidium 1-3, lotus leaf 1-3, lotus leaf stalk 1-2, mint 1-3, green mint 1-3, radices paeoniae alba 1-4, Mulberry 1-4, Cistanche 1-3, Morinda officinalis 1-3, Curculigo orchoides 1-3, Cuscuta 1-3, shayuanjili 1-3, Panax quinquefolium 1-4, Gaoli Panax 1-4, Adenophora stricta 1-4, Asparagus cochinchinensis 1-3, radix Ophiopogonis 1-3, Shenqu 1-3, honey 1-3, Taizi panax 1-4, Chinese yam 1-4, Atractylodes ovata 1-3, starch syrup 1- 6%, and date. The deodorizing raw material contains of baizhi 15, mint 20, and borneol 10%. The process for prepn. of the nicotine-free ***cigarette*** was also shwn.

- IC ICM A24B015-18
- CC 11-7 (Plant Biochemistry)
- ST health care ***cigarette*** nicotine free manuf
- IT Natural products, pharmaceutical
(Qixingcao; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(Shandougen; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(Shenqu; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(baizhi; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(banbianlian; technol. for producing nicotine-free health
cigarette)
- IT Tobacco products
(***cigarettes*** ; technol. for producing nicotine-free
health ***cigarette***)
- IT Natural products, pharmaceutical
(danzhuye; technol. for producing nicotine-free health
cigarette)
- IT Milk
(goat; technol. for producing nicotine-free health
cigarette)
- IT Body, anatomical
(horn, antler, pilose antler; technol. for producing
nicotine-free health ***cigarette***)
- IT Syrups (sweetening agents)
(hydrolyzed starch; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(jinxingcao; technol. for producing nicotine-free health
cigarette)
- IT Nelumbo
(leaf of; technol. for producing nicotine-free health
cigarette)
- IT Tobacco products
(leaf; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(qini; technol. for producing nicotine-free health
cigarette)
- IT Natural products, pharmaceutical
(qiyeyizhihua; technol. for producing nicotine-free health
cigarette)
- IT Alcoholic beverages
(qujiu; technol. for producing nicotine-free health

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    ***cigarette*** )
IT Typhonium giganteum
    (rhizome of; technol. for producing nicotine-free health
    ***cigarette*** )
IT Natural products, pharmaceutical
    (shayuanjili; technol. for producing nicotine-free health
    ***cigarette*** )
IT Adenophora stricta
Angelica
Asparagus cochinchinensis
Astragalus
Atractylis ovata
Black bean
Cimicifuga dahurica
Cnidium
Codonopsis
Cordyceps
Curculigo orchioides
Cuscuta
Date (Phoenix dactylifera)
Dendrobium
Epimedium sagittatum
Eucalyptus
    ***Ginkgo***      ***biloba***
Ginseng (Panax)
Ginseng (Panax quinquefolium)
Honey
Honeysuckle (Lonicera japonica)
Hosta plantaginea
Kudzu (Pueraria)
Leonurus
Licorice (Glycyrrhiza)
Lycium barbarum
Mint
Morinda officinalis
Mulberry
Ophiopogon
Peony (Paeonia alba)
Polygonatum sibiricum
Polygonum multiflorum
Poria cocos
Rehmannia
Rose (Rosa laevigata)
Sage (Salvia miltiorhiza)
Saposhnikovia divaricata
Strobilanthes
Tobacco smoke
Vigna radiata
Vinegar
Xanthium sibiricum
Yam (Dioscorea batatas)
    (technol. for producing nicotine-free health ***cigarette*** )
IT Alkali metal hydroxides
Alums
    (technol. for producing nicotine-free health ***cigarette*** )
IT Natural products, pharmaceutical
    (tenghuang; technol. for producing nicotine-free health
    ***cigarette*** )
IT Natural products, pharmaceutical
    (tianmendong; technol. for producing nicotine-free health

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cigarette)
 IT Natural products, pharmaceutical
 (weima; technol. for producing nicotine-free health
 cigarette)
 IT 54-11-5, Nicotine 507-70-0, Borneol 12044-30-3, Realgar
 (technol. for producing nicotine-free health ***cigarette***)

L4 ANSWER 2 OF 4 HCA COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 133:307838 HCA
 TITLE: Method for making mixing type no-toxicity health
 care ***cigarette***
 INVENTOR(S): Wu, Yuedong
 PATENT ASSIGNEE(S): Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 4
 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1248411	A	20000329	CN 1999-111123	19990726
CN 1069027	B	20010801		

AB The health-care ***cigarette*** is composed of tobacco 40-90,
 leave of ***ginkgo*** ***biloba*** and/or lotus 19-40,
 Jinfucuo and/or Fritillaria, etc. 6-20, Heracleum and/or Salvia
 miltiorhiza 8-20, and Ginseng or Taizishen 6, Taraxacum Haller
 and/or licorice 10-30%. The process comprises soaking tobacco in
 0.2% super- concd. sterilizing liquor-contg. water at 50.degree. for
 3-5 h, soaking again in 0.1% liq. storax conc. at 5.degree. for 1-2
 h, slicing; moistening Jinfucuo with 0.2% licorice conc. at
 20-40.degree. for 1-2 h, drying, slicing; moistening Heracleum
 and/or Radix salivae Miltiorrhizae with 0.2% licorice conc. at 20-
 50.degree. for 4-6 h, drying, slicing; moistening Ginseng and/or
 Taizishen with 0.1% liq. storax conc., drying, slicing; and mixing
 all the raw materials, etc.

IC ICM A24B015-00
 CC 11-7 (Plant Biochemistry)
 ST health tobacco substitute herb ***cigarette*** manuf
 IT Natural products, pharmaceutical
 (Jinfucuo; method for making mixing type no-toxicity health care
 cigarette)
 IT Tobacco products
 (***cigarettes*** ; method for making mixing type no-toxicity
 health care ***cigarette***)
 IT Tobacco products
 (leaf; method for making mixing type no-toxicity health care
 cigarette)
 IT Natural products, pharmaceutical
 (licorice; method for making mixing type no-toxicity health care
 cigarette)
 IT Fritillaria
 Ginkgo ***biloba***
 Ginseng (Panax)
 Heracleum
 Nelumbo
 Sage (Salvia miltiorhiza)
 Tobacco smoke

(method for making mixing type no-toxicity health care
cigarette)

IT Balsams
(storax, liq.; method for making mixing type no-toxicity health
care ***cigarette***)
IT Tobacco products
(substitutes; method for making mixing type no-toxicity health
care ***cigarette***)

L4 ANSWER 3 OF 4 HCA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 132:205603 HCA
TITLE: Preparation of health-care ***cigarette***
INVENTOR(S): Zhang, Xiaofeng
PATENT ASSIGNEE(S): Xibei Plateau Biological Institute, Chinese
Academy of Sciences, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 4
pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
	CN 1200897	A	19981209	CN 1997-111062	19970529
	CN 1072464	B	20011010		
AB	The ***cigarette*** is prepd. from Epimedium grandiflorum leaf 0-10, ginkgo leaf 0.5-95, and addnl. tobacco leaf to 100%. It contains low tar and has good organoleptic characteristics.				
IC	ICM A24B015-16 ICS A24B015-20				
CC	11-7 (Plant Biochemistry)				
ST	***cigarette*** health care prepn				
IT	Tobacco products (***cigarettes*** ; prepn. of health-care ***cigarette***)				
IT	Epimedium grandiflorum ***Ginkgo*** ***biloba*** Tobacco products (leaf; prepn. of health-care ***cigarette***)				
IT	Tobacco smoke (prepn. of health-care ***cigarette***)				
IT	Tar (prepn. of health-care ***cigarette***)				

L4 ANSWER 4 OF 4 HCA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 132:33379 HCA
TITLE: Low health risk ***cigarettes***
manufactured from ginkgo leaf
INVENTOR(S): Zou, Qiang; Zou, Yong
PATENT ASSIGNEE(S): Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 4
pp.
CODEN: CNXXEV
DOCUMENT TYPE: Patent
LANGUAGE: Chinese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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-----	-----	-----	-----	-----
CN 1181217	A	19980513	CN 1997-106146	19971017
CN 1045379	B	19991006		
WO 9920131	A1	19990429	WO 1998-CN209	19980930
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,			
	DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP,			
	KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,			
	MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL,			
	TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG,			
	KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,			
	ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,			
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

AU 9893365	A1	19990510	AU 1998-93365	19980930
JP 2001520031	T2	20011030	JP 2000-516551	19980930

PRIORITY APPLN. INFO.:

CN 1997-106146	A	19971017
WO 1998-CN209	W	19980930

AB A ***cigarette*** smoking compn. is comprised of ginkgo leaf (50-100%), and tobacco (0-50%). Ginkgo leaves are rich in flavonoids and ginkgolides A, B, and C. Thus, ***cigarettes*** made from ginkgo leaves may have some health benefits and reduced health risk.

IC ICM A24B015-18

CC 11-7 (Plant Biochemistry)

ST tobacco substitute ginkgo leaf; ginkgo leaf ***cigarette*** compn; ***cigarette*** compn ginkgo leaf; flavonoid ***cigarette*** compn ginkgo leaf; ginkgolide ***cigarette*** compn ginkgo leaf

IT Tobacco products
(***cigarettes*** , health; low-health-rise ***cigarettes*** manufd. from ginkgo leaf)

IT ***Ginkgo*** ***biloba***

Tobacco smoke
(low-health-rise ***cigarettes*** manufd. from ginkgo leaf)

IT Flavonoids
(low-health-rise ***cigarettes*** manufd. from ginkgo leaf)

IT Tobacco products
(substitutes; low-health-rise ***cigarettes*** manufd. from ginkgo leaf)

IT 15291-75-5 15291-76-6 15291-77-7
(low-health-rise ***cigarettes*** manufd. from ginkgo leaf)

=> d 110 1 ibib abs hitind

L10 ANSWER 1 OF 1 HCA COPYRIGHT 2002 ACS

ACCESSION NUMBER: 131:127763 HCA

TITLE: Health ***tobacco*** smoking using Ginkgo leaf

INVENTOR(S): Oh, Seung-Bae

PATENT ASSIGNEE(S): S. Korea

SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 11209274	A2	19990803	JP 1998-10304	19980122

AB The health ***tobacco*** ***substitute*** is prepd. from
mainly ***Ginkgo*** ***biloba*** leaf with the addn. of
Chinese medicinal herb such as Polygala tenuifolia, starch syrup,
and glycerol. The final water content of the health ***tobacco***
substitute is 12-13%.

IC ICM A61K009-72
ICS A24B015-30; A24D001-18; A61K035-78

CC 11-7 (Plant Biochemistry)
Section cross-reference(s): 63

ST ***tobacco*** leaf ***substitute*** Ginkgo Polygala; Chinese
medicinal herb health ***tobacco*** ***substitute***

IT Achyranthes bidentata
Acorus gramineus
Aralia cordata
Arisaema erubescens
Birch (Betula platyphylla)
Curcuma longa
Eucommia ulmoides
Gastrodia elata
Jujube (Zizyphus jujuba)
Mulberry
Polygala tenuifolia
Safflower (Carthamus tinctorius)
Schizonepeta tenuifolia
Tobacco smoke
Vitex trifolia
(health ***tobacco*** smoking using Ginkgo leaf)

IT Natural products, pharmaceutical
(health ***tobacco*** smoking using Ginkgo leaf)

IT Syrups (sweetening agents)
(hydrolyzed starch; health ***tobacco*** smoking using Ginkgo
leaf)

IT ***Ginkgo*** ***biloba***
(leaf; health ***tobacco*** smoking using Ginkgo leaf)

IT Plant (Embryophyta)
(medicinal, Chinese; health ***tobacco*** smoking using
Ginkgo leaf)

IT ***Tobacco*** products
(***substitute*** ; health ***tobacco*** smoking using
Ginkgo leaf)

IT ***Tobacco*** products
(***substitutes*** ; health ***tobacco*** smoking using
Ginkgo leaf)

IT 56-81-5, 1,2,3-Propanetriol, biological studies
(health ***tobacco*** smoking using Ginkgo leaf)

=> d l11 1-17 ti

L11 ANSWER 1 OF 17 HCA COPYRIGHT 2002 ACS

TI Monoamine oxidase: Radiotracer development and human studies

L11 ANSWER 2 OF 17 HCA COPYRIGHT 2002 ACS

TI Multigene phylogeny of land plants with special reference to
bryophytes and the earliest land plants

L11 ANSWER 3 OF 17 HCA COPYRIGHT 2002 ACS

TI Changes in Hechtian strands in cold-hardened cells measured by
optical microsurgery

L11 ANSWER 4 OF 17 HCA COPYRIGHT 2002 ACS
 TI Seed plant phylogeny inferred from all three plant genomes:
 monophyly of extant gymnosperms and origin of Gnetales from conifers

L11 ANSWER 5 OF 17 HCA COPYRIGHT 2002 ACS
 TI ***Ginkgo*** ***biloba*** extracts for the preparation of
 pharmaceuticals for treatment of drug dependence/addiction

L11 ANSWER 6 OF 17 HCA COPYRIGHT 2002 ACS
 TI Plant NADP-dependent isocitrate dehydrogenases are predominantly
 localized in the cytosol

L11 ANSWER 7 OF 17 HCA COPYRIGHT 2002 ACS
 TI Protein repair L-isoaspartyl methyltransferase in plants.
 Phylogenetic distribution and the accumulation of substrate proteins
 in aged barley seeds

L11 ANSWER 8 OF 17 HCA COPYRIGHT 2002 ACS
 TI Water-soluble organ extracts with improved biochemical effectiveness

L11 ANSWER 9 OF 17 HCA COPYRIGHT 2002 ACS
 TI Dynein-related polypeptides in pollen and pollen tubes

L11 ANSWER 10 OF 17 HCA COPYRIGHT 2002 ACS
 TI The ndhF chloroplast gene detected in all vascular plant divisions

L11 ANSWER 11 OF 17 HCA COPYRIGHT 2002 ACS
 TI Jasmonic acid and coronatin induce odor production in plants

L11 ANSWER 12 OF 17 HCA COPYRIGHT 2002 ACS
 TI Molecular evidence for the relationship among Gnetum, gymnosperm and
 angiosperm

L11 ANSWER 13 OF 17 HCA COPYRIGHT 2002 ACS
 TI Electrochemical response of plant leaves to volatile components
 emitted from ground leaves

L11 ANSWER 14 OF 17 HCA COPYRIGHT 2002 ACS
 TI The study of plant phylogeny using amino acid sequences of
 ribulose-1,5-bisphosphate carboxylase. II. The analysis of small
 subunit data to form phylogenetic trees

L11 ANSWER 15 OF 17 HCA COPYRIGHT 2002 ACS
 TI Purine metabolism and its regulation in higher plants. Part I.
 Metabolic fate of [8-14C]-adenine and [8-14C]-hypoxanthine in higher
 plants

L11 ANSWER 16 OF 17 HCA COPYRIGHT 2002 ACS
 TI Evolutionary comparison of plant histones

L11 ANSWER 17 OF 17 HCA COPYRIGHT 2002 ACS
 TI Ginkgo, the most ancient living tree

=> d l11 5,17 ibib abs hitind

L11 ANSWER 5 OF 17 HCA COPYRIGHT 2002 ACS
 ACCESSION NUMBER: 131:120852 HCA
 TITLE: ***Ginkgo*** ***biloba*** extracts for
 the preparation of pharmaceuticals for treatment

of drug dependence/addiction
 INVENTOR(S): Drieu, Katy
 PATENT ASSIGNEE(S): Societe de Conseils de Recherches et
 d'Applications Scientifiques Scras S.A., Fr.
 SOURCE: Fr. Demande, 27 pp.
 CODEN: FRXXBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2771639	A1	19990604	FR 1997-15230	19971203
FR 2771639	B1	20000505		
JP 2001524528	T2	20011204	JP 2000-522928	19981201
PRIORITY APPLN. INFO.:			FR 1997-15230	A 19971203
			WO 1998-FR2576	W 19981201

OTHER SOURCE(S): MARPAT 131:120852

AB The use of ***G*** . ***biloba*** exts. for the treatment of
 drug dependence/addiction, e.g., alcoholism, ***tobacco***
 dependence, is described. The effect of the exts. on the dependence
 on alc. was studied in rats. Rats receiving 50 or 100 mg/kg
 ext./day showed a decreased hyperactivity effect.

IC ICM A61K035-78

ICS A61K031-34

CC 63-4 (Pharmaceuticals)

Section cross-reference(s): 1, 4, 33

IT Alcoholism

Drug dependence

Ginkgo ***biloba***

(***Ginkgo*** ***biloba*** exts. for pharmaceuticals in
 treatment of drug dependence/addiction)

IT ***Tobacco***

(dependence on; ***Ginkgo*** ***biloba*** exts. for
 pharmaceuticals in treatment of drug dependence/addiction)

IT 300-62-9D, Amphetamine, derivs.

(***Ginkgo*** ***biloba*** exts. for pharmaceuticals in
 treatment of drug dependence/addiction)

IT 15291-75-5, Ginkgolide A 15291-77-7, Ginkgolide B

(***Ginkgo*** ***biloba*** exts. for pharmaceuticals in
 treatment of drug dependence/addiction)

IT 15291-75-5DP, Ginkgolide a, derivs. 201736-31-4P 201736-32-5P

201736-33-6P 201736-34-7P 201736-45-0P 201736-47-2P

201736-49-4P 201736-56-3P 201736-63-2P

(***Ginkgo*** ***biloba*** exts. for pharmaceuticals in
 treatment of drug dependence/addiction)

IT 126709-14-6

(***Ginkgo*** ***biloba*** exts. for pharmaceuticals in
 treatment of drug dependence/addiction)

IT 38741-05-8P 201736-27-8P 201736-28-9P 201736-29-0P

201736-30-3P 201736-35-8P 201736-37-0P 201736-41-6P

201736-43-8P 201736-51-8P 201736-52-9P 201736-54-1P

201736-59-6P 201736-61-0P 232612-16-7P 232612-19-0P

232612-20-3P 232612-21-4P 232612-22-5P

(***Ginkgo*** ***biloba*** exts. for pharmaceuticals in
 treatment of drug dependence/addiction)

TITLE: Ginkgo, the most ancient living tree
AUTHOR(S): Major, Randolph T.
CORPORATE SOURCE: Univ. of Virginia, Charlottesville, Va., USA
SOURCE: Science (Washington, D. C.) (1967), 157(3794),
1270-3
CODEN: SCIEAS

DOCUMENT TYPE: Journal
LANGUAGE: English

AB The exceptional longevity of ***Ginkgo*** ***biloba*** has been explained on the basis of its remarkable resistance to insects, bacteria, fungi, viruses, and smog. Alc. exts. of roots of ***G*** . ***biloba*** inhibit the larvae of European corn borer (*Pyrausta nubilalis*) and suppress the symptoms of southern bean mosaic virus and ***tobacco*** mosaic virus. Acetone exts. of macerated fresh ginkgo leaves stopped the growth of bacteria such as *Erwinia amylovora*, *Escherichia coli*, *Pseudomonas phaseolicola*, *Xanthomonas phaseoli* and *Bacillus pumilus*, but this activity disappeared when the acetone ext. was neutralized, indicating that the activity was due to acid in the leaves. Ginkgo was susceptible to SO₂ and O₃. Resistance against fungi was due to an oily substance obtained after steam distn. of the leaves, which was a nonaromatic hydrocarbon probably contg. a C:O group. Part of the resistance to various pests was attributed to 2-hexenal. Other substances isolated from ginkgo leaves were hydroxylactones which do not show significant activity against *Monilinia* [*Sclerotinia*] *fructicola*.

CC 7 (Plant Biochemistry)

IT ***Ginkgo***
(***biloba*** , constituents of leaves of, longevity in relation to)

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(c) 2002 Derwent Info Ltd
File 357:Derwent Biotech Resource 1982-2002/Feb W1
(c) 2002 Derwent Info & ISI

?ds

Set	Items	Description
S1	84412	CIGARETTE? ? OR CIGAR? ? OR (SMOKER? ? OR SMOKING? ?)(2N)(-PROD? ? OR PRODUCT? ? OR ITEM? ? OR MATERIAL? ? OR ARTICLE? ?)
S2	5892	(GINKGO? ? OR GINGKO? ? OR G)(2N)BILOBA? ?
S3	32447	(BURN? OR COMBUST? OR IGNIT?)(2N)(MATERIAL? OR SOURC? OR P-ART OR PARTS OR PORTION?)
S4	185441	TOBACCO? ?
S5	814	TOBACCO? ?(3N)(SUBST? ? OR SUBSTITUT? OR REPLAC? OR SUROGA-T? OR SURROGAT? OR SUPPLEMENT?)
S6	6	S1 AND S2
S7	0	S6 AND S3
S8	31	S2 AND S4
S9	1	S2 AND S5
S10	7	S6 OR S9
S11	30	S8 NOT S10
S12	7	RD S10 (unique items)
S13	22	RD S11 (unique items)

?t s12/7,de/all

12/7,DE/1 (Item 1 from file: 53)

DIALOG(R)File 53:FOODLINE(R): Food Science & Technology
(c) 2002 LFRA. All rts. reserv.

00875659 FOODLINE ACCESSION NUMBER: 551757

Natural antioxidants and free radicals - an ESR perspective.

Chen C; Tang H -R; Belton P S

Magnetic resonance in food science: a view to the future: proceedings of the Second International Conference on Applications of Magnetic Resonance in Food Science, Portugal, September 2000. 117-128 (36 ref.)

Webb G A; Belton P S; Gil A M; Delgadillo I

PUBLISHER: RSC, Cambridge

2001

ISBN NO: 0-85404-870-7

CLASSIFICATION: 543.422.25:641

LANGUAGE: English

DOCUMENT TYPE: Book; Conference paper

FOODLINE UPDATE CODE: 20010511

ABSTRACT: A free radical is described as a species capable of independent existence that contains one or more unpaired electrons. Although they play an important role in the production of biologically active compounds, phagocytosis and signal transduction, free radicals can cause oxidative damage associated with ageing, degenerative diseases and deterioration of food systems. This paper describes the use of electron spin resonance (ESR) spectroscopy for the detection and identification of free radicals and to investigate the activities of a range of natural antioxidants. Consideration was given to the toxicological effects of gas phase cigarette smoking; the reaction between green tea polyphenols (GTP) and free radicals in the bilayer of liposomes; and the scavenging effects of different constituents from dried green leaves of ginkgo biloba.

SECTION HEADING: ANALYSIS

DESCRIPTORS: ACTIVITY; ANALYTICAL TECHNIQUES; ANTIOXIDANT ACTIVITIES; ANTIOXIDANTS; APPLICATIONS; DETERMINATION; ESR SPECTROSCOPY; FREE RADICALS; GREEN TEA POLYPHENOLS; OXIDATION; PHENOLS; POLYPHENOLS; PREVENTION; SMOKING; SPECTROSCOPY; TOXICITY

12/7,DE/2 (Item 2 from file: 53)

DIALOG(R)File 53:FOODLINE(R): Food Science & Technology

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00845593 FOODLINE ACCESSION NUMBER: 527919

The Packer plan.

Packer L; Colman C

The antioxidant miracle. 185-205 (0 ref.)

Packer L; Colman C

PUBLISHER: Wiley, New York

1999

ISBN NO: 0-471-35311-6

CLASSIFICATION: 616-056.4

LANGUAGE: English

DOCUMENT TYPE: Book; Book chapter

FOODLINE UPDATE CODE: 20000714

ABSTRACT: The author, Lester Packer, proposes a regime of nutritional (antioxidant) supplements that he claims can help improve health, slow down the effects of ageing, and prevent disease. The basic network antioxidant cocktail that the author recommends is composed of vitamin E, coenzyme Q10, lipoic acid, vitamin C, folic acid, biotin, vitamin B6, ginkgo biloba, and selenium. The special needs of cigarette smokers and passive smokers, diabetics, athletes, menopausal women, people at high risk of cancer or cardiovascular disease, and 'picky' eaters are discussed. Practical guidance on the selection and taking of nutritional supplements is given. Finally, the author recommends the use of topical applications (skin creams) of antioxidant nutrients to improve the health of the skin.

SECTION HEADING: NUTRITION

DESCRIPTORS: ANTIOXIDANT NUTRIENTS; ANTIOXIDANTS; BIOLOGICAL ANTIOXIDANTS; CANCER; CARDIOVASCULAR DISEASES; DIETARY SUPPLEMENTS; DIETETIC FOODS; DISEASES; HEALTH; HEART DISEASE; HUMAN AGEING; RECOMMENDATIONS; SKIN

12/7,DE/3 (Item 1 from file: 73)

DIALOG(R)File 73:EMBASE

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11386228 EMBASE No: 2001400670

Geriatricians health survey 2000

Watts D.; Damasco-Ty E.; Ryan F.; Goodman B.

Dr. D. Watts, Section of Geriatrics, Department of Medicine, 2870

University Avenue, Madison, WI 53705 United States

Journal of the American Geriatrics Society (J. AM. GERIATR. SOC.) (United States) 2001, 49/11 (1535-1538)

CODEN: JAGSA ISSN: 0002-8614

DOCUMENT TYPE: Journal ; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 26

OBJECTIVES: To characterize geriatricians' preventive health behaviors including vitamin/supplement use, exercise, smoking, alcohol use, and weight control. DESIGN: Mailed questionnaire. SETTING: United States. PARTICIPANTS: Two thousand six hundred eleven U.S. physicians certified as having added qualifications in geriatric medicine and who were members in the American Geriatrics Society; 1,524 returned completed questionnaires (58%). MEASUREMENTS: Rates of supplement use and recommendations, preventive health visits, advance directive completion, exercise, religious service attendance, smoking, alcohol use, and amount of adult weight gain. RESULTS: Most responding geriatricians took at least one vitamin supplement: 50% vitamin E, 50% a multivitamin (MVI), and 31% vitamin C. Calcium ingestion was common among women. Other supplement use was uncommon: ginkgo compounds were consumed by 47 (3%), and 77 (5%) took a variety of other nonvitamin supplements. Over 90% recommended vitamins, especially multivitamins and vitamin E, at least sometimes. Recommendations for ginkgo (38%) and St. John's wort (33%) were also common. Almost half of respondents had completed a formal advance directive. Exercise was practiced at least weekly by 88%. Cigarette smoking was rare (1%), but at least occasional alcohol use was common (85%). Most of respondents were men (74%), and 35% had completed fellowship training. CONCLUSION: Vitamin/supplement use was common among responding geriatricians but not universal. Respondents often recommended MVI, vitamin E, and vitamin C, but were less likely to consume or recommend other supplements. The most common preventive health behavior among our respondents was exercise.

DRUG DESCRIPTORS:

*alpha tocopherol--drug therapy--dt; *multivitamin--drug therapy--dt; *ascorbic acid--drug therapy--dt; *calcium--drug therapy--dt; *Ginkgo biloba extract--drug therapy--dt; *Hypericum perforatum--drug therapy--dt alcohol

MEDICAL DESCRIPTORS:

*geriatric care; *health survey; *vitamin supplementation preventive medicine; health behavior; vitamin deficiency--drug therapy--dt; vitamin deficiency--epidemiology--ep; exercise; smoking; alcohol consumption; weight; United States; certification; religion; human; male; female; major clinical study; adult; article

12/7,DE/4 (Item 1 from file: 76)

DIALOG(R)File 76:Life Sciences Collection

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02301059 4371470

Subarachnoid haemorrhage associated with Ginkgo biloba
Vale, S.

Unidad de Investigaciones Clinicas, Junta de Asistencia Privada, Regina 7,
CP 06080, Mexico D F, Mexico

Lancet vol. 352, no. 9121, p. 36 (1998)
ISSN: 0099-5355
DOCUMENT TYPE: Journal article LANGUAGE: ENGLISH
SUBFILE: CSA Neurosciences Abstracts; Toxicology Abstracts

Ginkgo biloba extract is an over-the-counter herbal medication, which is marketed as a supplement to improve mental alertness (the reason our patient was taking it). However, the extract is a potent inhibitor of platelet-activating factor and long-term use has been associated with increased bleeding time, spontaneous haemorrhage, and subdural haematomas. It has been shown that hypertension, diabetes mellitus, anticoagulant treatment, and the amount of alcohol taken within the preceding week are associated with intracerebral haemorrhage, whereas cigarette smoking and platelet-antiaggregating agents increase the risk for subarachnoid haemorrhage. Alcohol potentiates aspirin-induced prolongation of bleeding time. Other potential risk factors for haemorrhagic stroke include thrombolytic therapy and use of amphetamines or cocaine.

DESCRIPTORS: Herbal medicines; Stroke; Hemorrhage; Plant extracts;
platelet-activated factor; Ginkgo biloba; platelets; Ginkgo biloba

12/7,DE/5 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07019840
SMOKING MATERIAL FOR MEDICAL TREATMENT AND METHOD FOR PRODUCING THE SAME

PUB. NO.: 2001-247472 [JP 2001247472 A]
PUBLISHED: September 11, 2001 (20010911)
INVENTOR(s): O-SUNG BAE
APPLICANT(s): O-SUNG BAE
APPL. NO.: 2000-187336 [JP 2000187336]
FILED: June 22, 2000 (20000622)
PRIORITY: 00 200010718 [KR 200010718], KR (Korea) Republic of, March
03, 2000 (20000303)

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a smoking material which can alleviate the various syndromes of diseases and further prevent the diseases, when burnt to inhale the produced smoke, and to provide a method for producing the same.

SOLUTION: This smoking material for alleviating the syndromes of diseases, is characterized by adding 1 to 10 wt.% of a starch syrup and 0.1 to 1 wt.% of glycerol to a Chinese material comprising 20 to 30 wt.% of the leaves of Ginkgo biloba and 70 to 80 wt.% of at least ten kinds of components selected from the group consisting of Santsigu Tuber, Puerariae Radix, Lycii Cortex Radicie, Pinelliae Rhizoma, Angelicae Gigantis Radix, Cnidii Rhizoma, Paeoniae Radix, Zedoariae Rhizoma, Astragali Radix, Cassiae Cortex, Caryophylli Flos, Olihanum, Myrrha, Chrysanthemi Flos, Torilis Fructus, Foeniculi Fructus, Hoelen, Paltycodi Radix, Aurantii Nohilis Pericarpium, Evodiae Fructus, Cartaegi Fructus, and Glycyrrhizae Radix, drying the mixture so as to give a final water content of 12 to 13%, and further processing the dried product into the form of cigarettes.

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12/7,DE/6 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2002 Derwent Info Ltd. All rts. reserv.

013773539

WPI Acc No: 2001-257750/200126

Topical cosmetic compositions for application to skin comprises synergistic mixture of anti-free radical agents, and herbal extracts including ginkgo biloba, morus alba, origanum vulgare, panax ginseng, rosmarinus officinalis, birch extract

Patent Assignee: BOOTS CO PLC (BOOT)

Inventor: CRAIG A H; GALLEY E; PYKETT M A; SMITH C

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200117495	A1	20010315	WO 2000EP8729	A	20000907	200126	B
AU 200070015	A	20010410	AU 200070015	A	20000907	200137	

Priority Applications (No Type Date): GB 9921238 A 19990909

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200117495 A1 E 58 A61K-007/42

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200070015 A A61K-007/42 Based on patent WO 200117495

Abstract (Basic): WO 200117495 A1

Abstract (Basic):

NOVELTY - Providing a cosmetic composition suitable for application to the skin containing a combination of antioxidant ingredients that when combined together give a synergistic improvement in activity allowing improved protection without the drawback of aesthetically unpleasant product appearance.

DETAILED DESCRIPTION - Topical cosmetic compositions for application to the skin comprising a suitable diluent or carrier in combinatin with a synergistic mixture of thress anti-free radical agents selected from:

(a) ascorbic acid, its salts, ethers, glucosides and glusosamines;

(b) tocopherol and its esters; and

(c) herbal extracts selected from ginkgo biloba, morus alba, origanum vulgare, panax ginseng, rosmarinus officinalis, birch extract, camellia sinensis, acerola cherry powder and grape seed oil.

USE - Used in cosmetics compositions and sunscreens to protect from exposure to UVA and UVB radiation, traffic fume pollution, ozone, cigarette smoke etc..

ADVANTAGE - Protects the skin more effectively from free radicals and are cosmetically and aesthetically more suitable than known skin care compositions.

pp; 58 DwgNo 0/0

Title Terms: TOPICAL; COSMETIC; COMPOSITION; APPLY; SKIN; COMPRISE;
SYNERGISTIC; MIXTURE; ANTI; FREE; RADICAL; AGENT; HERB; EXTRACT; GINGKO;
BILOBA; MORUS; ALBA; ORIGANUM; VULGARE; PANAX; GINSENG; ROSMARINUS;
OFFICINALIS; BIRCH; EXTRACT

Derwent Class: D21; E19

International Patent Class (Main): A61K-007/42

12/7,DE/7 (Item 2 from file: 351)
DIALOG(R)File 351:Derwent WPI
(c) 2002 Derwent Info Ltd. All rts. reserv.

012816387

WPI Acc No: 1999-622618/199954

Nicotine free tobacco substitute composition - useful for aromatherapy

Patent Assignee: EVER BRIGHT IND CORP (EVER-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11137232	A	19990525	JP 98219439	A	19980803	199954 B

Priority Applications (No Type Date): TW 97111074 A 19970802

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11137232	A	6	A24B-015/16	

Abstract (Basic): JP 11137232 A

A nicotine free tobacco substitute for aromatherapy contains herb(s), e.g. buds of *Syzygium aromaticum* Merr. et Perry, *Ulex* sp. plants or whin, *Glycyrrhiza glabra* L. var. *glandulifera* Regel et Herder, *Jasminum* sp. or jasmine, *Acer* sp. plants or maple, *Ginkgo biloba* L., *Lactuca sativa* L., *Beta vulgaris* L., loguat, *Tea sinensis* L., *Panax ginseng* C.A. Meyer, *Matricaria chamomilla* L., *Cinnamomum loureirii* Ness, *Mentha piperita* L., *Salvia officinalis* L. or sage, *Thymus vulgaris* L., *Rosmarinus officinalis* L., *Lavendula spica* L. and/or *Eucalyptus globulus* Labill.

Also claimed is a method for stopping smoking by binding an acetylcholine receptor and herb(s) by baking.

USE - The composition is useful for stopping smoking, and nutritional or physiological desired effects.

Dwg.0/0

Title Terms: NICOTINE; FREE; TOBACCO; SUBSTITUTE; COMPOSITION; USEFUL

Derwent Class: D18; P15

International Patent Class (Main): A24B-015/16

International Patent Class (Additional): A24D-001/18; A61K-009/72

?t s13/ti/all

13/TI/1 (Item 1 from file: 10)

DIALOG(R)File 10:(c) format only 2002 The Dialog Corporation. All rts. reserv.

Changes in hechtian strands in cold-hardened cells measured by optical microsurgery

13/TI/2 (Item 2 from file: 10)

DIALOG(R)File 10:(c) format only 2002 The Dialog Corporation. All rts. reserv.

Potent insecticidal activity of *Ginkgo biloba* derived trilactone terpenes against *Nilaparvata lugens*

13/TI/3 (Item 3 from file: 10)

DIALOG(R)File 10:(c) format only 2002 The Dialog Corporation. All rts. reserv.

Studies on the relationships of Tetranychus urticae Koch and host plants.
II. Gustatory effect of some plant extracts. [Ginkgo biloba, tobacco, strawberries, kidney beans]

13/TI/4 (Item 1 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

Dynein-related polypeptides in pollen and pollen tubes.

13/TI/5 (Item 2 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

EFFECTS OF EXTRACTS FROM SOME SELECTED WILD PLANT SPECIES ON LARVAL
DEVELOPMENT AND ADULT OVIPOSITION IN HELIOTHIS-ASSULTA

13/TI/6 (Item 3 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

METABOLIC FATE OF CARBON-14 LABELED ADENINE AND CARBON-14 LABELED HYPO
XANTHINE IN HIGHER PLANTS

13/TI/7 (Item 4 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

HA PLOIDS IN HIGHER PLANTS ORIGINS METHODS OF OBTAINMENT UTILIZATION IN
AMELIORATION OF PLANTS

13/TI/8 (Item 5 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

SUBUNIT POLY PEPTIDE COMPOSITION OF FRACTION I PROTEIN FROM VARIOUS PLANT
SPECIES

13/TI/9 (Item 6 from file: 5)
DIALOG(R)File 5:(c) 2002 BIOSIS. All rts. reserv.

STUDIES ON THE RELATIONSHIP OF TETRANYCHUS-URTICAE AND HOST PLANTS PART 1
EFFECT OF PLANT SPECIES

13/TI/10 (Item 1 from file: 50)
DIALOG(R)File 50:(c) 2002 CAB International. All rts. reserv.

Medicinal plant extracts for the treatment of dementia. A review of
their pharmacology, efficacy and tolerability. --

13/TI/11 (Item 2 from file: 50)
DIALOG(R)File 50:(c) 2002 CAB International. All rts. reserv.

The vacuole and cell senescence.
The plant vacuole. --

13/TI/12 (Item 3 from file: 50)
DIALOG(R)File 50:(c) 2002 CAB International. All rts. reserv.

Legumin-like storage polypeptides of conifer seeds and their antigenic cross-reactivity with 11S globulins from angiosperms. --

13/TI/13 (Item 4 from file: 50)
DIALOG(R)File 50:(c) 2002 CAB International. All rts. reserv.

The repair of ultraviolet light-induced DNA damage in plant cells. --

13/TI/14 (Item 5 from file: 50)
DIALOG(R)File 50:(c) 2002 CAB International. All rts. reserv.

The biology of stomatal guard cells. --

13/TI/15 (Item 1 from file: 53)
DIALOG(R)File 53:(c) 2002 LFRA. All rts. reserv.

Use of Ginkgo biloba extracts for preparing a medicine.

13/TI/16 (Item 1 from file: 73)
DIALOG(R)File 73:(c) 2002 Elsevier Science B.V. All rts. reserv.

Drug substances from the nature: Characterization and trace search
ARZNEISTOFFE AUS DER NATUR: CHARAKTERISIERUNG UND SPURENSUCHE

13/TI/17 (Item 2 from file: 73)
DIALOG(R)File 73:(c) 2002 Elsevier Science B.V. All rts. reserv.

Natural alternatives for the treatment of impotence and for improving men's health

13/TI/18 (Item 3 from file: 73)
DIALOG(R)File 73:(c) 2002 Elsevier Science B.V. All rts. reserv.

Reactive oxygen metabolites, antioxidants and head and neck cancer

13/TI/19 (Item 1 from file: 76)
DIALOG(R)File 76:(c) 2002 Cambridge Sci Abs. All rts. reserv.

Metabolic Fate of (8- super(14)C)Adenine and (8- super(14)C)Hypoxanthine in Higher Plants.

13/TI/20 (Item 1 from file: 203)
DIALOG(R)File 203:Dist by NAL, Intl Copr. All rights reserved. All rts. reserv.

Metabolic fate of (8-(14) carbon) adenine and (8-(14) carbon) hypoxanthine in higher plants [peas, maples, carrots, tobacco, wheat]

13/TI/21 (Item 1 from file: 351)
DIALOG(R)File 351:(c) 2002 Derwent Info Ltd. All rts. reserv.

Use of Ginkgo biloba extracts and specific ginkgolides, to assist
withdrawal of addictive materials

13/TI/22 (Item 1 from file: 357)
DIALOG(R)File 357:(c) 2002 Derwent Info & ISI. All rts. reserv.

Preparation of organ extracts with improved biochemical activity - from
plant or animal cell culture, yeast culture or organ or tissue for use
in pharmaceutical or cosmetic preparation

?pause
?t s13/7,de/21

13/7,DE/21 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
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012534105

WPI Acc No: 1999-340211/199929

Use of Ginkgo biloba extracts and specific ginkgolides, to assist
withdrawal of addictive materials

Patent Assignee: SCRAS SOC CONSEILS RECH & APPL SCI (SCRC)

Inventor: DRIEU K

Number of Countries: 083 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2771639	A1	19990604	FR 9715230	A	19971203	199929	B
WO 9927943	A1	19990610	WO 98FR2576	A	19981201	199930	
AU 9914380	A	19990616	AU 9914380	A	19981201	199945	
EP 1035858	A1	20000920	EP 98958285	A	19981201	200047	
			WO 98FR2576	A	19981201		
NO 200002775	A	20000602	WO 98FR2576	A	19981201	200047	
			NO 20002775	A	20000530		
CZ 200002007	A3	20001115	WO 98FR2576	A	19981201	200064	
			CZ 20002007	A	19981201		
CN 1280499	A	20010117	CN 98811799	A	19981201	200128	
KR 2001032716	A	20010425	KR 2000706005	A	20000602	200164	
HU 200100223	A2	20011029	WO 98FR2576	A	19981201	200175	
			HU 2001223	A	19981201		
NZ 505516	A	20011026	NZ 505516	A	19981201	200176	
			WO 98FR2576	A	19981201		
JP 2001524528	W	20011204	WO 98FR2576	A	19981201	200203	
			JP 2000522928	A	19981201		

Priority Applications (No Type Date): FR 9715230 A 19971203

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

FR 2771639 A1 27 A61K-035/78

WO 9927943 A1 F A61K-035/78

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU
CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9914380 A A61K-035/78 Based on patent WO 9927943

EP 1035858 A1 F A61K-035/78 Based on patent WO 9927943
 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI
 LU MC NL PT SE
 NO 200002775 A A61K-035/78
 CZ 200002007 A3 A61K-035/78 Based on patent WO 9927943
 CN 1280499 A A61K-035/78
 KR 2001032716 A A61K-035/78
 HU 200100223 A2 A61K-035/78 Based on patent WO 9927943
 NZ 505516 A A61K-035/78 Based on patent WO 9927943
 JP 2001524528 W 19 A61K-035/78 Based on patent WO 9927943

Abstract (Basic): FR 2771639 A1

Abstract (Basic):

NOVELTY - The use of Ginkgo biloba extract to prepare a medicine to assist withdrawal of

addictive substances such as alcohol, amphetamines, tobacco and other addictive drugs.

DETAILED DESCRIPTION - The extract is preferably the known extracts EGb 761 or CP 401, containing at least 5%, and preferably at least 50% ginkgolides.

INDEPENDENT CLAIMS are included for the use of a ginkgolide, especially ginkgolide A or ginkgolide B, and compounds of formula (I):

W, X, Y, and Z'=H, OH, alkoxy, or O-Gs;

Gs=mono or disaccharide;

at least one of W, X, Y, and Z'=OGs

ACTIVITY - Rats were sensitized to amphetamine and then this was withdrawn, some receiving EGb 761 at 50 or 100 mg/kg/day during the sensitization process. Study of their behavior during withdrawal showed that the treated rats had lower withdrawal symptoms compared with untreated rats.

USE - Prevention and treatment of withdrawal symptoms of addictive substances such as alcohol, tobacco, amphetamines and others.

pp; 27 DwgNo 0/1

Title Terms: BILOBA; EXTRACT; SPECIFIC; ASSIST; WITHDRAW; ADDICT; MATERIAL

Derwent Class: B02; B04

International Patent Class (Main): A61K-035/78

International Patent Class (Additional): A61K-031/34; A61K-031/7048;

A61P-025/30; C07D-493/04; C07H-017/04